

Research Article

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Two new cochylid species for the fauna of Turkey (Lepidoptera, Tortricidae)

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Abstract: Two new cochylid species for the fauna of Turkey (*Lepidoptera*, *Tortricidae*). *Cesa News* 132: 1-4, 7 figs.

In this paper, two species of the family *Tortricidae* (*Lepidoptera*) are reported as new to the fauna of Turkey, as well as to the provinces Siirt, Bitlis and Van. Adults, their genitalia, and abdominal skins are also illustrated.

Key words: *Lepidoptera*, *Tortricidae*, *Falseuncaria*, *Aethes*, fauna, Bitlis, Siirt, Van, Turkey.

During the field studies of the authors in Siirt, and Van provinces, also Bitlis within the research Project², (East Turkey), very interesting faunistical observations and records have been made. After faunistical and taxonomical evaluations of the material collected, the results have been published under various titles.

In the present paper, two species of the tribe *Cochylini* (*Tortricidae*) are reported. The identities of the species are based on the male genitalia. Their comparisons are made with those of Razowski's book (2009). These species are: *Falseuncaria degreyana* (McLachlan, 1869) from Van Province, and *Aethes prangana* (Kennel, 1900) from Siirt and Bitlis Provinces. Both of them are also new to the fauna of Turkey (Koçak & Kemal, 2009).

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² This paper is a part of the Project, numbered 2014-FEN-B165, entitled “On the diurnal Lepidoptera fauna of Süphan Mountain”, supported by Yüzüncü Yıl University, Bilimsel Araştırma Projeleri Başkanlığı, Van, Turkey.

Tortricidae**Cochylini*****Aethes prangana* (Kennel, 1900) (Figs. 1-3, 5)**

Synonym: *prangana* Kennel, 1900.

Original Reference: *Conchylis prangana* Kennel, 1900, *Dt. ent. Z., Iris* 13: 130-131, Taf.v fig.7. Syntypes 1♂ 1♀: Kaukasus (12 vi 1883, Christoph leg.); Lectotype ♀, [Azerbaijan]: "Ordubad", designated by Razowski (1970: 343) (ZIANL).

Range (in code): SY Hal IR Kdj Fa Kdj AZ Nv Ord Cc AM Eri RU Ur TR 13 56 13A 13Ab 13Ax 56F 56Fc.

Material studied: 1♂. Siirt Province, Şirvan, Bacavan Mt. 1560m (56Fc), nocturnal, 29 5 2013 (GP2612♂), M.Kemal & A.Koçak leg.; 1♀. Bitlis Province, Adilcevaz, Süphan Volcano, Aygır 1960m (13Ab), nocturnal, 10 6 2015 (GP2609♀), M.Kemal & A.Koçak leg. (Cesa).

According to our knowledge,³ this species is known from Aleppo (Syria), northern Iran, Azerbaijan, Georgia, Armenia (Erivan), Urals (Russia).

New record for Turkey (also Siirt and Bitlis Provinces).

***Falseuncaria degreyana* (McLachlan, 1869) (Figs. 4, 6, 7)**

Synonym(s): *degreyana* McLachlan, 1869; *alaiana* Caradja, 1916; *roseotincta* Filipjev, 1924.

Original Reference: *Eupoecilia degreyana* McLachlan, 1869, *Entomologist's Annu.* 1869: 91-92. Type: Britain, Norfolk.

Range (in code): FR IT GB BE DE CH PL SK HU RO YU DK NO SE FI LV LT RU At Sb MD UA BY KK KG MN CN Ui Ku TR 65 65D 65Df

Material studied: 1♂. Van Province, Çatak, Saklıvadi 2030m (65Df), nocturnal, 29 5 2013 (GP2605♂), 25 7 2016, M.Kemal & A.Koçak leg.

According to our knowledge, this species is known from Europe to Central Asia (Kirgizistan, Kazakhstan, Mongolia Uighur A.R. (NW China).

New record for Turkey and Van Province.

The species is also added to the fauna of Saklıvadi (Van Province, Çatak) (Kemal & Koçak, 2017).

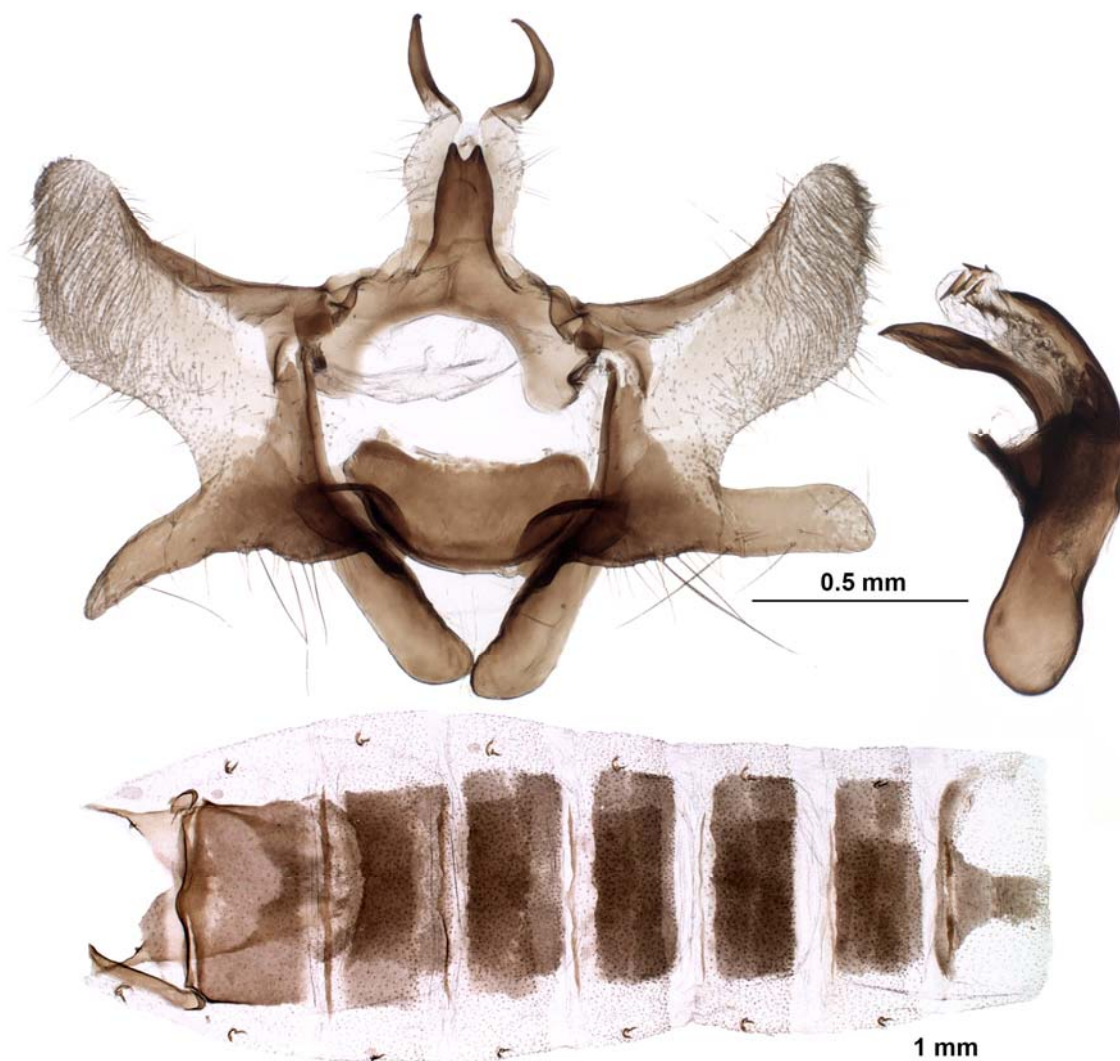
Acknowledgement

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³ Info-system of the Cesa: <http://www.cesa-tr.org/Infos.htm>



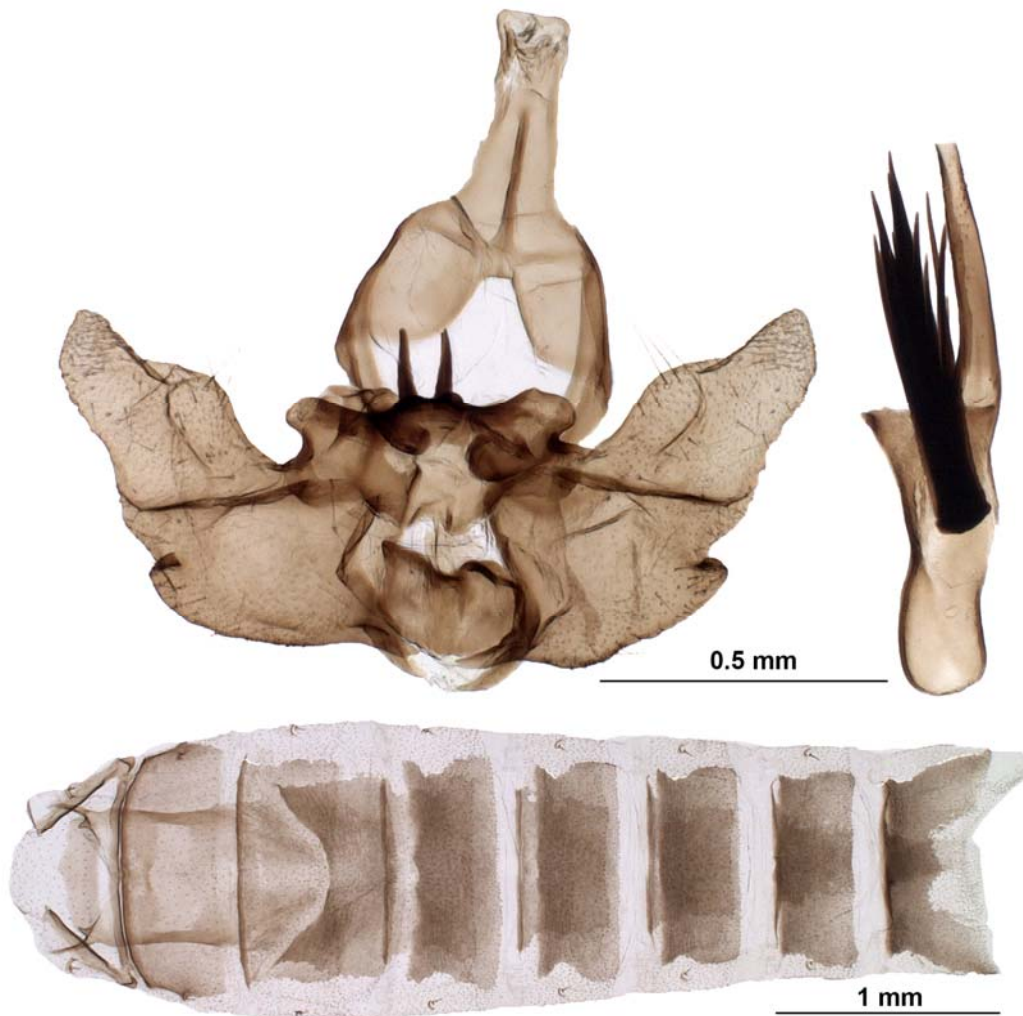
Figs. 1, 2 - *Aethes prangana* (Kennel). Male genitalia and abdominal skin. GP2612♂. Siirt Province, Şirvan, Bacavan Mt. 1560m (56Fc), nocturnal, 29 5 2013, M. Kemal (Cesa)



Fig.3 - *Aethes prangana* (GP2609♀), female genitalia. Bitlis Prov. Adilcevaz, Süphan Volcano, Aygır 1960m, 10 6 2015, M. Kemal (Cesa)



Figs. 4, 5 - *Falseuncaria degreyana* (GP2605♂). Upperside of male. Van Prov., Çatak, Saklıvadi (65Df) 2025m, 25 7 2016 (left); *Aethes prangana* (GP2609♀), Upperside of female. Bitlis Prov. Adilcevaz, Süphan Volcano (13Ab), 10 6 2015 (right). M. Kemal (Cesa)



Figs. 6, 7 - *Falseuncaria degreyana*, GP2605♂. Male genitalia (above) and abdominal skin (below). Van Province, Çatak, Saklıvadi 2030m. M. Kemal (Cesa)

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